

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 - 18 (cancelled)

19. (original): A galvanometer comprising:

a rotor comprising a tail shaft;

a bearing received on at least a portion of said tail shaft; and

a diaphragm spring engaged with said bearing, said diaphragm spring providing a predetermined axial force on said bearing.

20. (original): A galvanometer according to claim 19 wherein said diaphragm spring comprises a member wherein a portion of said member is resiliently displaceable in a direction generally normal to said member.

21. (original): A galvanometer according to claim 20 wherein said diaphragm spring comprises a planar member wherein a portion of said planar member is resiliently displaceable generally normal to said planar member.

22. (original): A galvanometer according to claim 20 wherein said diaphragm spring comprises generally a circular disc wherein a center portion of said disc is resiliently normal to said disc.

23. (original): A galvanometer according to claim 22 wherein said diaphragm spring comprise a cutout defining a generally spiral slot in said disc.

24. (original): A galvanometer according to claim 22 wherein said diaphragm spring comprises a plurality of cutouts each defining a stepped spiral slot in said disc.

25. (original): A galvanometer according to claim 19 wherein said diaphragm spring comprises a feature engageable with said bearing.

26. (original): A galvanometer according to claim 25 wherein said diaphragm spring comprises a plurality of upstanding tabs engageable with said bearing.

27 - 35 (cancelled)

36. (original): A scanning system comprising:

a galvanometer comprising a rotor having a tail shaft with a bearing received on said tail shaft, and a diaphragm spring engaged with said bearing, said diaphragm spring providing a predetermined axial force on said bearing; and
an optical element coupled to said rotor.

37. (original): A scanning system according to claim 36 wherein said diaphragm spring comprises a member wherein a portion of said member is resiliently displaceable in a direction generally normal to said member.

38. (original): A scanning system according to claim 36 wherein said optical element is directly coupled to said rotor.

39. (original): A scanning system according to claim 36 wherein said diaphragm spring comprises a disc having at least one spiral cutout.

40. (original): A scanning system according to claim 36 wherein said spiral cutout comprises a stepped-spiral cutout.